

ABSTRACT OF THE DISCLOSURE

An anti-vibration apparatus includes a first magnet unit arranged on a support target and including a first permanent magnet, and a second magnet unit including a pair of second permanent magnets. The pair of second permanent magnets are arranged to interpose the first permanent magnet in noncontact with the first permanent magnet such that same magnetic poles of the first and second permanent magnet oppose each other.

10 Sizes of the first and second magnet units are set such that a force acting between the first and second magnet units in a direction perpendicular to a direction in which the first magnet unit supports the support target is zero in a relative position range between the first

15 and second magnet units.